

REMARKS

Claims 1-59 are currently active.

Claims 7, 10, 17, 20 and 21 have been amended.

In view of the foregoing amendments, it is respectfully requested that Claims 1-59, now in this application be allowed.

Respectfully submitted,

ALFRED BLALOCK BAHNSON, ET AL.

By Ansel Schwartz

Ansel M. Schwartz, Esquire

Reg. No. 30,587

One Sterling Plaza

201 N. Craig Street

Suite 304

Pittsburgh, PA 15213

(412) 621-9222

Attorney for Applicants

**CERTIFICATE OF MAILING**

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on 4/8/02

Ansel Schwartz

Ansel M. Schwartz  
Registration No. 30, 587

4/8/02

Date

Version with markings to show changes made to the claims

7. A method as described in Claim 4 including the step of taking multiple visible and fluorescent images over time and overlaying them on one another and [difference] differences between successive overlaid images are analyzed to determine cellular performance.

10. A method as described in Claim 7 wherein the [measurement] determination of cellular performance [include] includes the parameters as listed in Table 1.

17. An apparatus for housing cells comprising:

a container having a plate with a plurality of wells in which cells reside; and

means for introducing to and removing fluids from each well, the introducing means includes a syringe to introduce liquids into and out of a well, vials which hold desired liquids, and a valve to direct fluids to the vials and to paths to the cells in the wells.

20. An apparatus as described in Claim 19 wherein the controller causes the needle to stain a cell in a well when the cell experiences a predetermined biological event.

21. An apparatus as described in Claim [19] 20 wherein the predetermined biological event includes any of the parameters listed in Table 1.